

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CH 03/00524

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G07F7/10 G06F3/033

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G07F G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 197 06 494 A (MOBILTRADING & FINANCING ANSTALT) 27 August 1998 (1998-08-27) abstract; claims; figures column 2, line 53 - line 65	1,2,8,9
Y	US 6 380 930 B1 (G. VAN RUYMBEKE) 30 April 2002 (2002-04-30) abstract; claims; figures column 3, line 5 - line 67	1,2,8,9
A		3,7,10
A	WO 99/46669 A (SCM MICROSYSTEMS) 16 September 1999 (1999-09-16) abstract; claims; figures page 4, line 26 -page 6, line 5 page 6, line 34 -page 7, line 15	1-5, 7-12, 14-16
	--- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

29 April 2004

Date of mailing of the international search report

12/05/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

David, J

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CH 03/00524

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 05 189191 A (MATSUSHITA ELECTRIC) 30 July 1993 (1993-07-30) -----	
A	FR 2 792 439 A (J.Y. LEROUX) 20 October 2000 (2000-10-20) -----	

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CH 03/00524

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 19706494	A	27-08-1998	DE 19706494 A1	27-08-1998
			AT 208059 T	15-11-2001
			AU 6722198 A	22-09-1998
			CA 2280783 A1	11-09-1998
			DE 59801952 D1	06-12-2001
			WO 9839702 A1	11-09-1998
			EP 0961960 A1	08-12-1999
			ES 2167068 T3	01-05-2002
US 6380930	B1	30-04-2002	CN 1347524 T	01-05-2002
			EP 1161719 A1	12-12-2001
			JP 2002539517 T	19-11-2002
			TW 526408 B	01-04-2003
			WO 0054131 A1	14-09-2000
WO 9946669	A	16-09-1999	DE 29804165 U1	07-05-1998
			WO 9946669 A1	16-09-1999
JP 05189191	A	30-07-1993	NONE	
FR 2792439	A	20-10-2000	FR 2792439 A1	20-10-2000